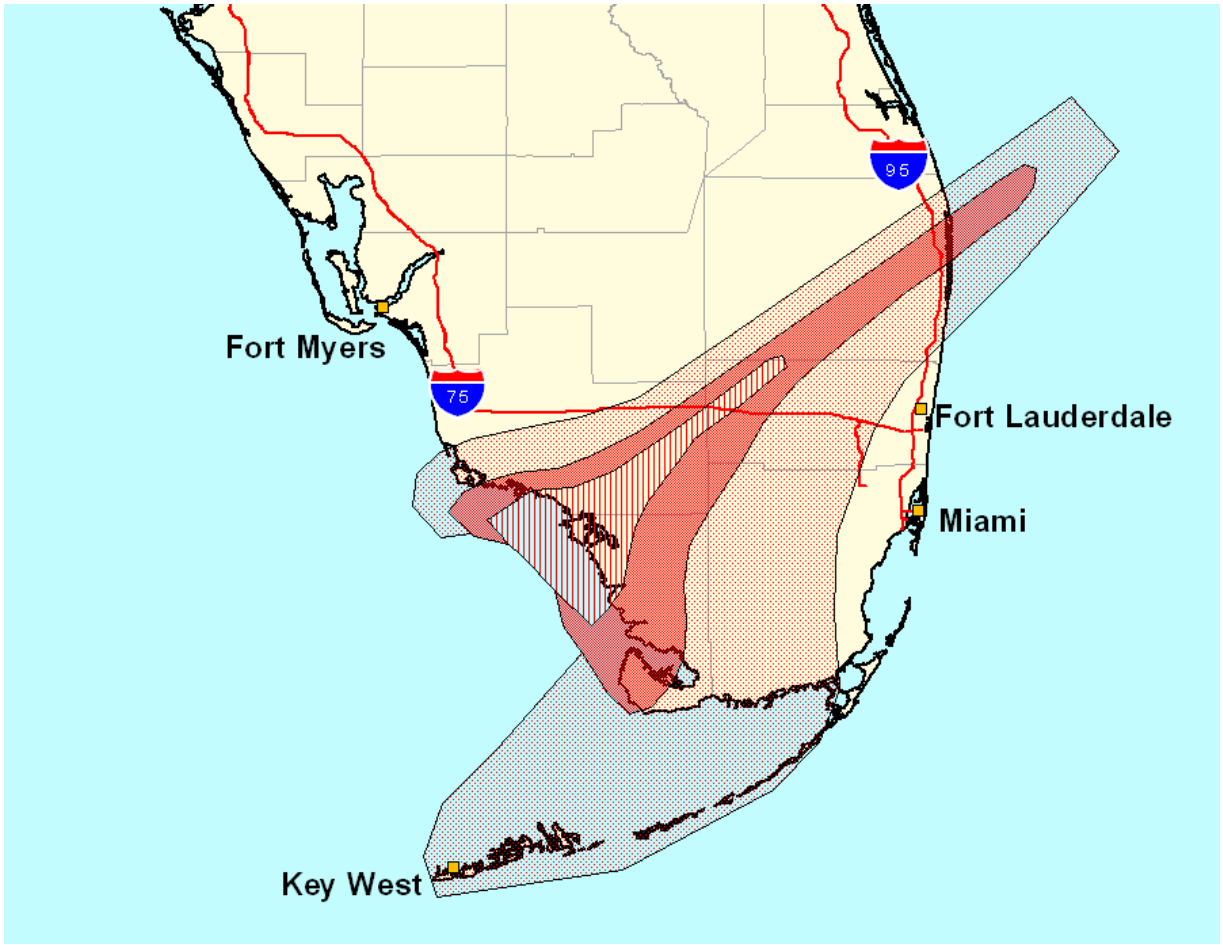
Hurricane Wilma Wind Distribution

Landfall Has Occurred

For Official Use Only!



Most Probable Landfall Wind Distribution

This model is based on a Category 3 storm making landfall south of Naples, FL.

Forecasted Winds
CAT 1
CAT 2
CAT 3

Information provided on this page displays a Category 3 storm making landfall south of Naples, FL. These projections are based on information from the NHC ***(0500 EDT 10/24/2005)*** forecast.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Wilma Wind Fields

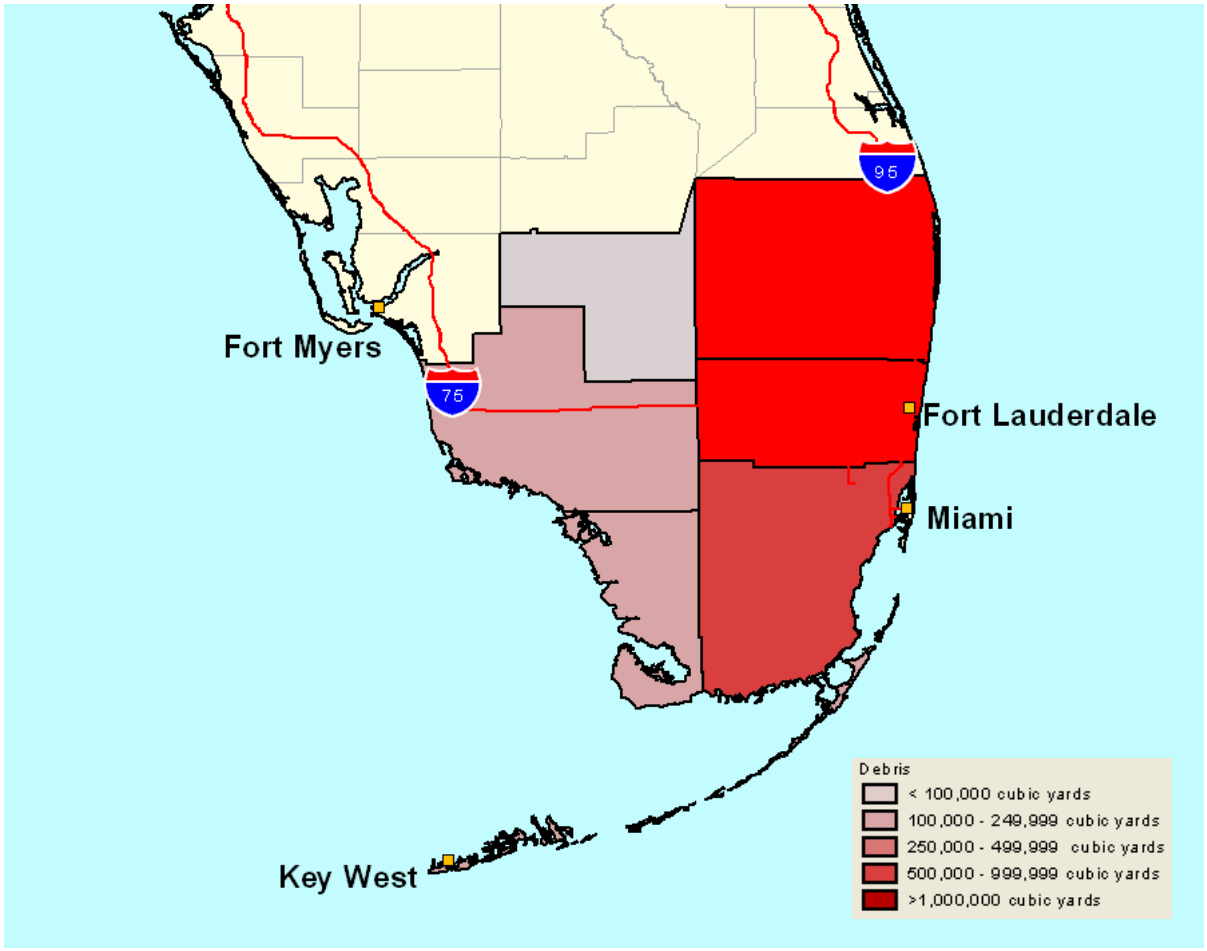
Generated By:
LaDue and Siemsen, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Debris Model

Landfall Has Occurred

For Official Use Only!



Most Probable Landfall Debris Model Results

Florida – 4,833,000 yd^3

Model results per county on following page

This model is based on a Category 3 storm making landfall south of Naples, FL.

Information provided on this page displays a Category 3 storm making landfall south of Naples, FL. These projections are based on information from the NHC ***(0500 EDT 10/24/2005)*** forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers	**Hurricane Wilma Debris Model**
Generated By: LaDue and Siemsen, LRL 0700 EDT 10/24/2005	
Sources: HURREVAC LRL-DEBRIS	Page 2 of 15

Hurricane Wilma Debris Model

Landfall Has Occurred

For Official Use Only!

State	County	Cubic Yards / Cty.
Florida		
	Broward	1,335,000
	Collier	168,000
	Dade	769,000
	Hendry	1,000
	Monroe	124,000
	Palm Beach	2,436,000
TOTAL		4,833,000

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Wilma Debris Model

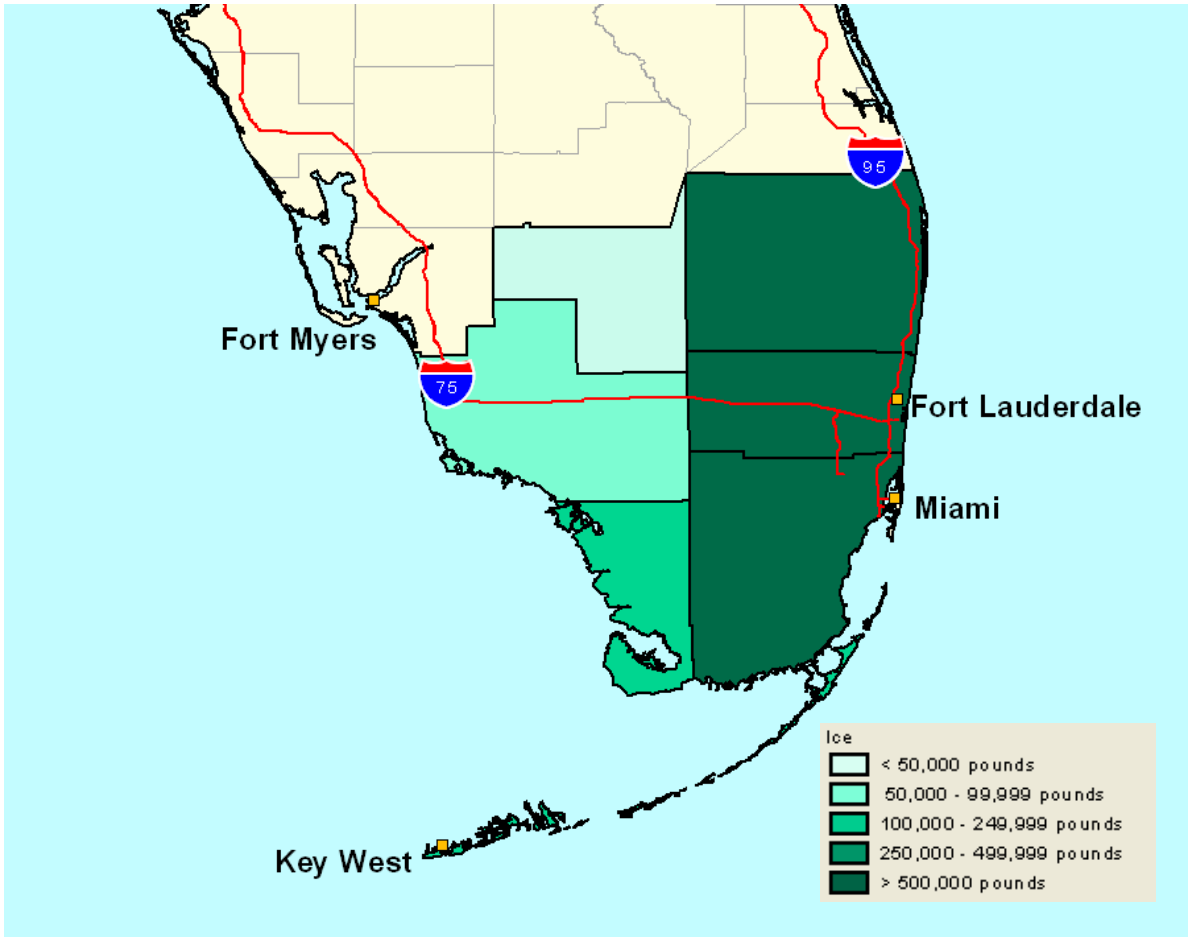
Generated By:
LaDue and Siemsen, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Ice Model

Landfall Has Occurred

For Official Use Only!



Most Probable Landfall Ice Model Results

Florida –
50 Truckloads Day One
100 Truckloads Day Two
148 Truckloads Day Three

Model results per county on following page

This model is based on a Category 3 storm making landfall south of Naples, FL.

Information provided on this page displays a Category 3 storm making landfall south of Naples, FL. These projections are based on information from the NHC ***(0500 EDT 10/24/2005)*** forecast. The amount of ice forecasted is based on Mission Guide Book requirements (8 pounds per day per person) and Ice SME input and represents a first day daily need.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers	**Hurricane Wilma Ice Model**
Generated By: LaDue and Siemsen, LRL 0700 EDT 10/24/2005	
Sources: HURREVAC LRL-DEBRIS	Page 4 of 15

Hurricane Wilma Ice Model

Landfall Has Occurred

For Official Use Only!

State	County	Pounds / Cty.	Truckloads
Florida			
	Broward	1,623,000	41
	Collier	84,000	3
	Dade	695,000	18
	Hendry	1,000	1
	Monroe	210,000	6
	Palm Beach	3,150,000	79
TOTAL		5,763,000	148

The amount of ice forecasted is based on Mission Guide Book requirements (8 pounds per person) and Ice SME input and represents a first day daily need. The assumption in this scenario is that 40% of the resident population affected by Wilma will have power outage in this area will cause a need for ice.

Details about this model may be obtained at

https://englink.usace.army.mil

or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Wilma Ice Model

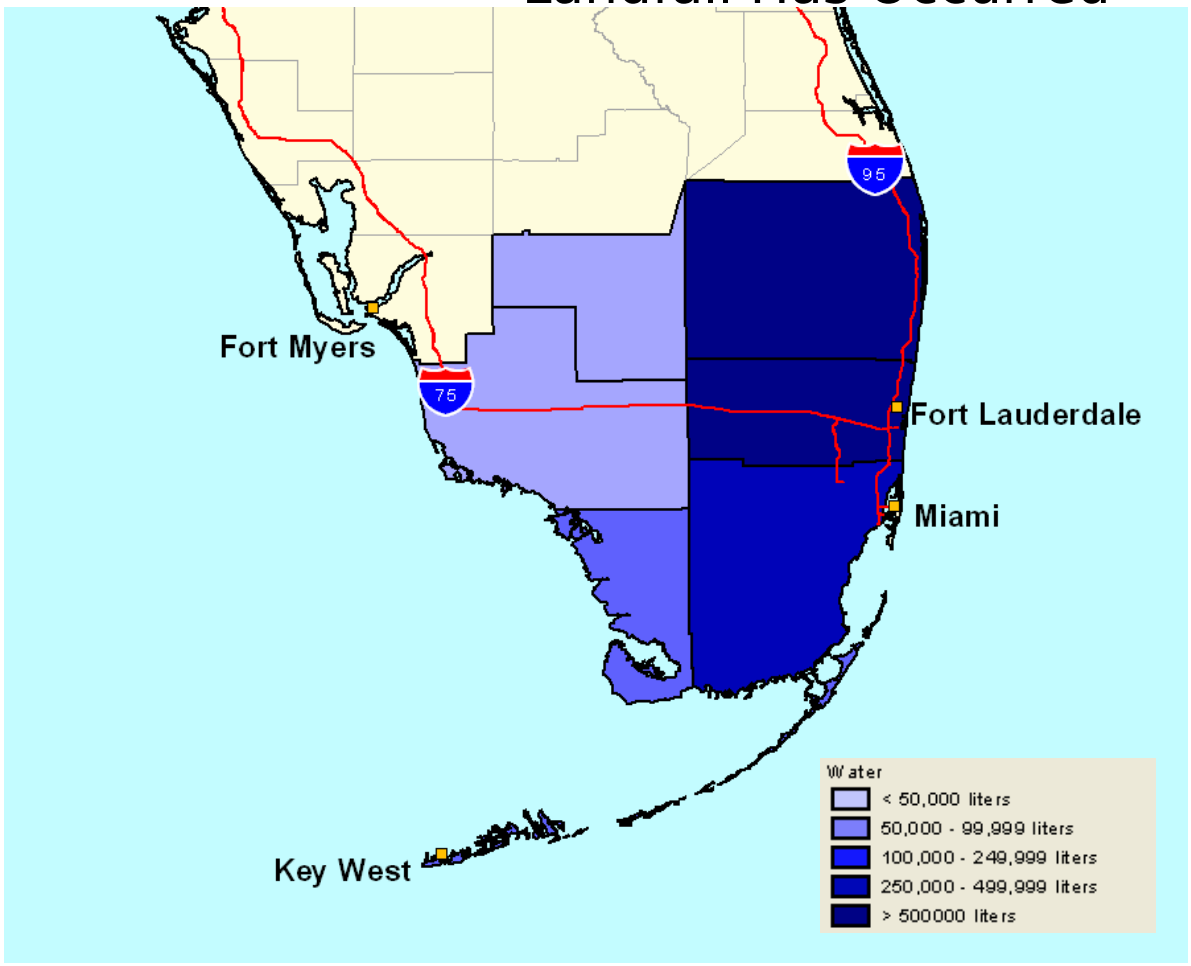
Generated By:
LaDue and Siemsen, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Water Model

Landfall Has Occurred

For Official Use Only!



Most Probable Landfall Water Model Results

Florida –
50 Truckloads Day One
100 Truckloads Day Two
148 Truckloads Day Three

Model results per county on following page

This model is based on a Category 3 storm making landfall south of Naples, FL.

Information provided on this page displays a Category 3 storm making landfall south of Naples, FL. These projections are based on information from the NHC ***(0500 EDT 10/24/2005)*** forecast. The amount of water forecasted is based on Mission Guide Book requirements (3 liters per person per day) and Water SME input and represents a first day daily need.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Wilma Water Model

Generated By:
LaDue and Siemsen, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Water Model

Landfall Has Occurred

For Official Use Only!

State	County	Liters / Cty.	Truckloads
Florida			
	Broward	738,000	41
	Collier	54,000	3
	Dade	324,000	18
	Hendry	18,000	1
	Monroe	108,000	6
	Palm Beach	1,422,000	79
TOTAL		2,664,000	148

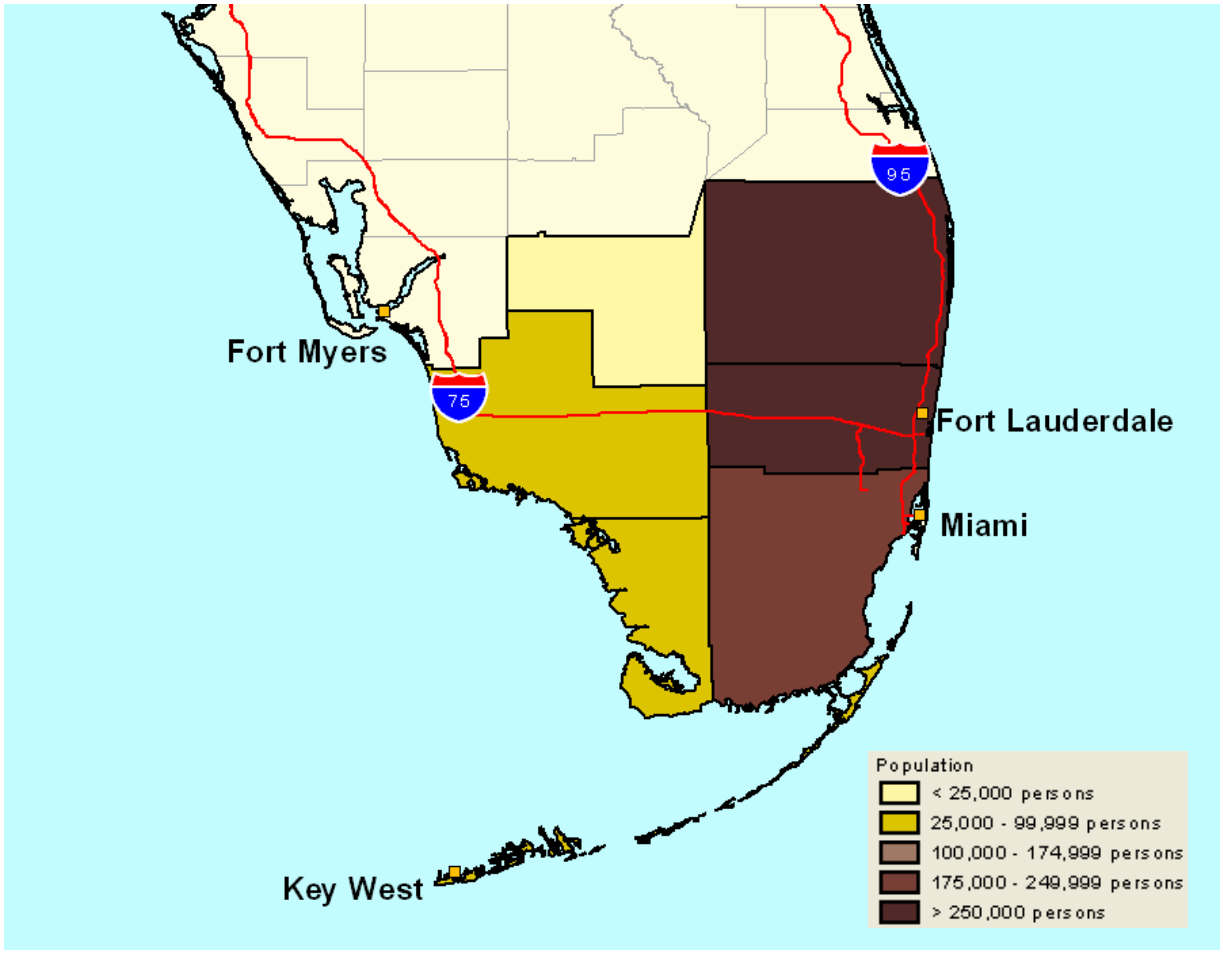
The amount of water forecasted is based on Mission Guide Book requirements (3 liters per person) and Water SME input and represents a first day daily need. The assumption in this scenario is that 40% of the resident population affected by Wilma will have power outage in this area will cause a need for water.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

Hurricane Wilma Population Model

Landfall Has Occurred

For Official Use Only!



Most Probable Landfall Population Model Results

Florida – 1,801,000 persons

Model results per county on following page

This model is based on a Category 3 storm making landfall south of Naples, FL.

Information provided on this page displays a Category 3 storm making landfall south of Naples, FL. These projections are based on information from the NHC ***(0500 EDT 10/24/2005)*** forecast. The number of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values).

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Wilma Population Model

Generated By:
LaDue and Siemsen, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Population Model

Landfall Has Occurred

For Official Use Only!

State	County	Population / Cty.
Florida		
	Broward	507,000
	Collier	26,000
	Dade	217,000
	Hendry	1,000
	Monroe	66,000
	Palm Beach	984,000
TOTAL		1,801,000

The number of persons estimated to be within hurricane force winds comes from Census 2000 values.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Wilma Population Model

Generated By:
LaDue and Siemsen, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Households Model

Landfall Has Occurred

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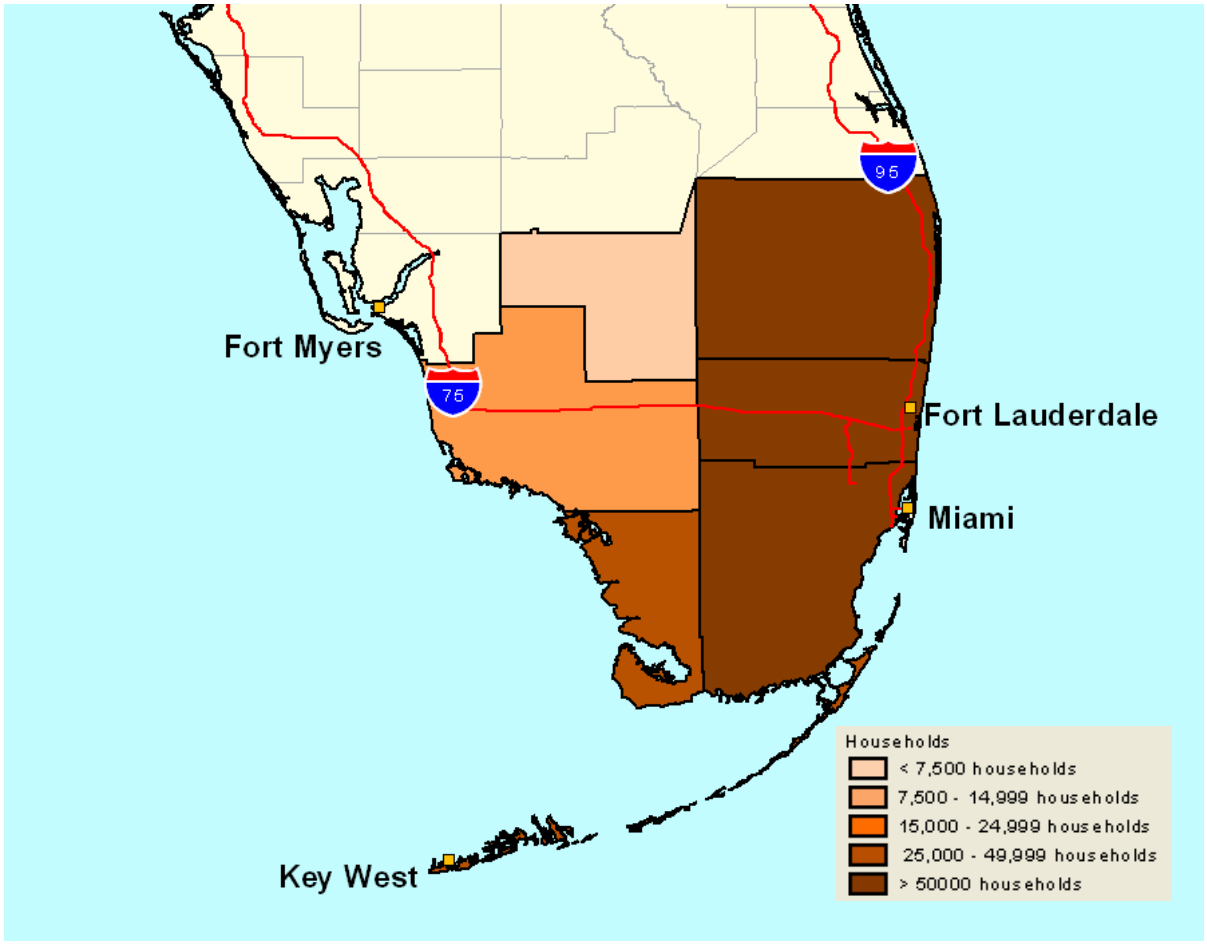


Most Probable Landfall Households Model Results

Florida – 709,000 households

Model results per county on following page

This model is based on a Category 3 storm making landfall south of Naples, FL.

Information provided on this page displays a Category 3 storm making landfall south of Naples, FL. These projections are based on information from the NHC ***(0500 EDT 10/24/2005)*** forecast. The number of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values).

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Wilma Households Model

Generated By:
LaDue and Siemsen, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Households Model

Landfall Has Occurred

For Official Use Only!

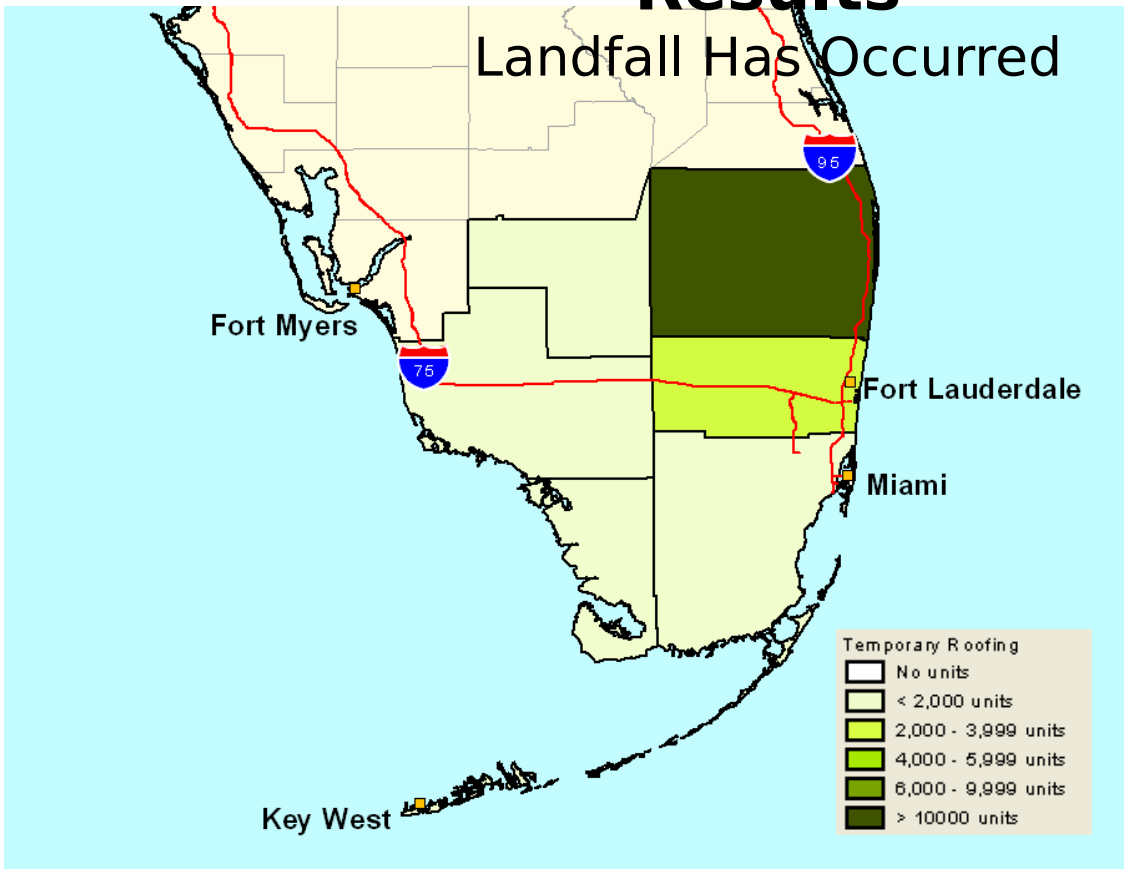
State	County	Households / Cty.
Florida		
	Broward	186,000
	Collier	12,000
	Dade	63,000
	Hendry	1,000
	Monroe	29,000
	Palm Beach	418,000
TOTAL		709,000

The number of households estimated to be within hurricane force winds comes from Census 2000 values.

Details about this model may be obtained at https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

Hurricane Wilma Temporary Roofing Model Results

For Official Use Only!



Most Probable Landfall Temporary Roofing Model Results

Florida – 17,100

Model results per county on following page

This model is based on a Category 3 storm making landfall south of Naples, FL.

Information provided on this page displays a Category 3 storm making landfall south of Naples, FL. These projections are based on information from the NHC ***(0500 EDT 10/24/2005)*** forecast. The amount of temporary roofing that may be required is based on 2% of housing units damaged in CAT 1 wind areas, 4% of housing units damaged in CAT 2 wind areas and 8% of housing units damaged in CAT 3 wind areas. This only indicates possible need – not necessarily a mission to repair roofs.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Wilma Roofing Model

Generated By:
LaDue and Siemsen, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Temporary Roofing Model Results

Landfall Has Occurred

For Official Use Only!

State	County	Roofs / Cty.
Florida		
	Broward	3,700
	Collier	300
	Dade	1,300
	Hendry	100
	Monroe	600
	Palm Beach	11,100
TOTAL		17,100

THIS IS AN EXPERIMENTAL MODEL !! THE VALUES ARE PRELIMINARY AND SHOULD BE CONSIDERED A GUIDE BUT NOT AN ABSOLUTE VALUE !!

The amount of temporary roofing that may be required is based on 2% of housing units damaged in CAT 1 wind areas, 4% of housing units damaged in CAT 2 wind areas and 8% of housing units damaged in CAT 3 wind areas. This only indicates possible need – not necessarily a mission to repair roofs.

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US Army Corps of Engineers

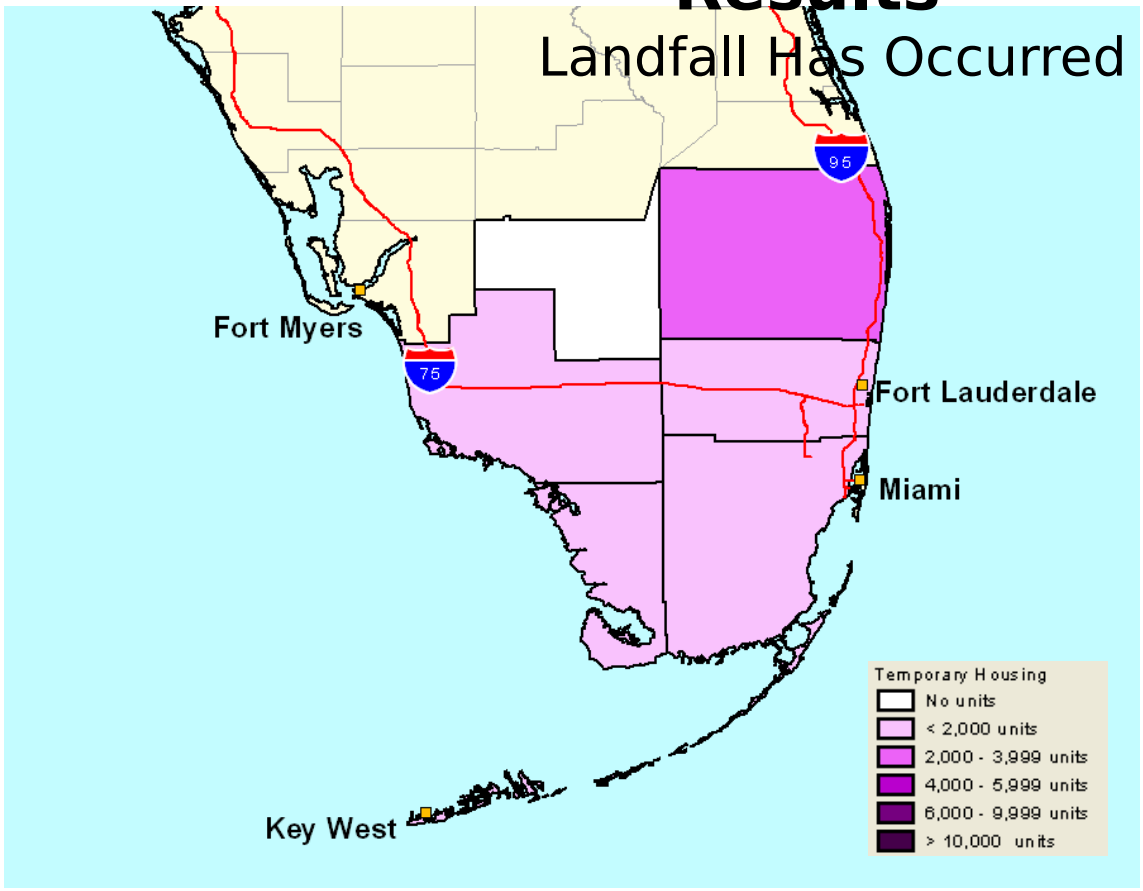
Hurricane Wilma Roofing Model

Generated By:
LaDue and Siemsen, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Temporary Housing Model Results

For Official Use Only!



Most Probable Landfall Temporary Housing Model Results

Florida – 3,200

Model results per county on following page

This model is based on a Category 3 storm making landfall south of Naples, FL.

Information provided on this page displays a Category 3 storm making landfall south of Naples, FL. These projections are based on information from the NHC (***0500 EDT 10/24/2005***) forecast. The amount of temporary housing that may be required is based on no housing need in CAT 1 wind area, 2% of housing units requiring temporary replacement in CAT 2 wind areas and 4% of housing units requiring replacements in Cat 3.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Wilma Housing Model

Generated By:
LaDue and Siemsen, LR 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Temporary Housing Model Results

Landfall Has Occurred

For Official Use Only!

State	County	Housing / Cty.
Florida		
	Broward	100
	Collier	100
	Dade	100
	Monroe	100
	Palm Beach	2,800
TOTAL		3,200

THIS IS AN EXPERIMENTAL MODEL !! THE VALUES ARE PRELIMINARY AND SHOULD BE CONSIDERED A GUIDE BUT NOT AN ABSOLUTE VALUE !!

The amount of temporary housing that may be required is based on no housing need in CAT 1 wind areas, 2% of housing units requiring replacement in CAT 2 wind areas and 4% of housing units requiring replacement in CAT 3 wind areas.

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US Army Corps of Engineers

Hurricane Wilma Housing Model

Generated By:
LaDue and Siemsen, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS